Bruhath Bangalore Mahanagara Palike

Financial Bid Comparative Statement

Tender Notification No: EE/RRND/Tend/05/2021-22 Date: 19.07.2021

Indent No: BBMP/2021-22/BD/WORK_INDENT47910

Name of Work: Construction of Shops at HMT Layout and JP Park Double Road in ward no 17

Sl No	Item Name	Unit	Estimate Quantity	As per PWD SR 2018-19		Rates quoted by CHANDUR RAMEGOWDA MANGALA (M R INFRA)		Rates quoted by SATHYA B R (R M ENTERPRISES.....)	
				Estimate Rate	Total Amount	Rate	Total Amount	Rate	Total Amount
1	Earthwork excavation by manual means in ordinay soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m	Cum	161.71	322.92	52219.39	381.00	61611.51	387.00	62581.77
2	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls,	Sqm	52.02	114.48	5955.25	135.00	7022.70	137.00	7126.74
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost	Cum	21.01	2623.32	55115.95	3095.00	65025.95	3147.00	66118.47
4	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and	Cum	20.79	5609.52	116621.92	6619.00	137609.01	6731.00	139937.49
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high,	Cum	53.42	4963.68	265159.79	5157.00	275486.94	5953.00	318009.26
6	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse	Cum	3.34	5694.84	19020.77	6719.00	22441.46	6833.00	22822.22
7	Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70	Cum	40.05	6276.96	251392.25	7406.00	296610.30	7532.00	301656.60
8	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates	Cum	35.05	6528.60	228827.43	7703.00	269990.15	7835.00	274615.75

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9	For First Floor	Cum	17.92	6588.60	118067.71	7774.00	139310.08	7906.00	141675.52
10	For Second Floor	Cum	7.20	6648.60	47869.92	7845.00	56484.00	7967.00	57362.40
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including	Sqm	119.95	278.64	33422.87	328.00	39343.60	334.00	40063.30
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in	Sqm	159.10	492.48	78353.57	501.00	79709.10	590.00	93869.00
13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders,	Sqm	287.29	315.36	90599.77	342.00	98253.18	378.00	108595.62
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200	Sqm	144.60	432.00	62467.20	509.76	73711.30	518.00	74902.80
15	Providing and removing centering, shuttering, strutting, propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour	Sqm	18.51	815.40	15093.05	962.00	17806.62	978.00	18102.78
16	KSRB 4-6 11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase	Sqm	23.52	561.60	13208.83	662.00	15570.24	673.00	15828.96
17	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates	Sqm	5.76	475.20	2737.15	560.00	3225.60	570.00	3283.20
18	For First Floor	Sqm	2.88	480.20	1382.98	566.00	1630.08	576.00	1658.88
19	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels e tc., including edges including cost of all materials, labour complete as per	Sqm	8.64	348.84	3013.98	411.00	3551.04	418.00	3611.52
20	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding	Tonne	11.27	84845.88	956213.07	95000.00	1070650.00	101815.00	1147455.05
21	First Floor	Tonne	2.69	85593.88	230247.54	101000.00	271690.00	102712.00	276295.28

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22	Second Floor	Tonne	0.86	86341.88	74254.02	101883.00	87619.38	103610.00	89104.60
23	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited	Cum	121.66	217.08	26409.95	256.00	31144.96	260.00	31631.60
24	Lead for disposal of earth shall be payable including loading and unloading up to 13.25kms.	Cum	40.05	91.05	3646.55	107.00	4285.35	109.00	4365.45
25	Providing and constructing load bearing wall with solid concrete blocks size 400x150x200mm having block density not less than 1800kg/m3 having a minimum average	Sqm	100.86	997.92	100650.21	1177.00	118712.22	1197.00	120729.42
26	First Floor	Sqm	70.66	1032.92	72986.13	1218.00	86063.88	1239.00	87547.74
27	Second Floor	Sqm	21.67	1067.92	23141.83	1260.00	27304.20	1281.00	27759.27
28	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum	Sqm	26.28	875.88	23018.13	1033.00	27147.24	1051.00	27620.28
29	First Floor	Sqm	34.14	910.88	31097.44	1074.00	36666.36	1120.00	38236.80
30	Second Floor	Sqm	26.82	945.88	25368.50	1116.00	29931.12	1135.00	30440.70
31	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing	Sqm	69.12	253.80	17542.66	299.00	20666.88	304.00	21012.48
32	First Floor	Sqm	37.12	259.80	9643.78	306.00	11358.72	311.00	11544.32
33	Second Floor	Sqm	16.24	265.80	4316.59	313.00	5083.12	318.00	5164.32
34	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.----------Ground Floor	Sqm	69.12	34.56	2388.79	40.00	2764.80	41.00	2833.92

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35	First Floor	Sqm	37.12	40.56	1505.59	47.00	1744.64	48.00	1781.76
36	Second Floor	Sqm	16.24	46.56	756.13	54.00	876.96	55.00	893.20
37	Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing	Sqm	142.62	252.72	36042.93	298.00	42500.76	303.00	43213.86
38	First Floor	Sqm	147.33	258.72	38117.22	305.00	44935.65	310.00	45672.30
39	Second Floor	Sqm	30.74	264.72	8137.49	312.00	9590.88	317.00	9744.58
40	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing	Sqm	138.84	298.08	41385.43	351.00	48732.84	357.00	49565.88
41	First Floor	Sqm	168.57	310.08	52270.19	365.00	61528.05	372.00	62708.04
42	Second Floor	Sqm	145.62	322.08	46901.29	380.00	55335.60	386.00	56209.32
43	KSRB15-5 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality,	Sqm	68.16	221.40	15090.62	261.00	17789.76	265.00	18062.40
44	First Floor	Sqm	33.93	227.40	7715.68	268.00	9093.24	272.00	9228.96
45	Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for	Sqm	138.84	12.96	1799.37	15.00	2082.60	15.00	2082.60
46	First Floor	Sqm	168.57	24.96	4207.51	29.00	4888.53	30.00	5057.10
47	Second Floor	Sqm	145.62	36.96	5382.12	43.00	6261.66	44.00	6407.28

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48	KSRB 15.10.3 Providing white washing to ceiling and / or sloping roof surface in two coats with lime of approved quality, to give an even shade including cost of materials,	Sqm	122.48	14.04	1719.62	16.57	2029.49	16.00	1959.68
49	KSRB 15.10.1 Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per	Sqm	320.70	12.96	4156.27	15.00	4810.50	15.00	4810.50
50	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and	Sqm	443.18	84.24	37333.48	99.00	43874.82	111.00	49192.98
51	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly	Sqm	443.18	97.20	43077.10	114.00	50522.52	116.00	51408.88
52	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an	Sqm	138.84	194.40	26990.50	229.00	31794.36	233.00	32349.72
53	First Floor	Sqm	168.57	202.40	34118.57	238.00	40119.66	242.00	40793.94
54	Second Floor	Sqm	145.62	210.40	30638.45	248.00	36113.76	252.00	36696.24
55	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green / River Pink	Sqm	59.76	2458.08	146894.86	2800.00	167328.00	2949.00	176232.24
56	First Floor	Sqm	32.44	2460.08	79805.00	2902.00	94140.88	2952.00	95762.88
57	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm	Sqm	14.34	7741.44	111012.25	9134.00	130981.56	9289.00	133204.26
58	First Floor	Sqm	14.34	7743.44	111040.93	9137.00	131024.58	9292.00	133247.28
59	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper	Sqm	68.16	3825.36	260736.54	4513.00	307606.08	4590.00	312854.40
60	First Floor	Sqm	15.97	3827.36	61122.94	4516.00	72120.52	4922.00	78604.34

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61	Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM	Sqm	9.36	1980.72	18539.54	2337.00	21874.32	2936.00	27480.96
62	First Floor	Sqm	4.68	1982.72	9279.13	2339.00	10946.52	2379.00	11133.72
63	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding	Sqm	14.24	1762.56	25098.85	2079.00	29604.96	2115.00	30117.60
64	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe	Sqm	18.70	6502.68	121600.12	7673.00	143485.10	7803.00	145916.10
65	First Floor	Sqm	7.00	6508.68	45560.76	7380.00	51660.00	7810.00	54670.00
66	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved	Kg	345.00	102.60	35397.00	121.00	41745.00	123.00	42435.00
67	First Floor	Kg	172.50	108.60	18733.50	128.00	22080.00	130.00	22425.00
68	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of	Sqm	1.20	4209.84	5051.81	4967.00	5960.40	5051.00	6061.20
69	First Floor	Sqm	0.60	4215.84	2529.50	4974.00	2984.40	5059.00	3035.40
70	Providing & fixing of glazed 3 Track - 2 Panel Sliding Door made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with	Sqm	18.90	6129.00	115838.10	7232.00	136684.80	7359.00	139085.10
71	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two	Mtrs	34.80	388.80	13530.24	458.00	15938.40	466.00	16216.80
72	PVC DOOR SHUTTER : Supply and fixing of door shuttersmade of rigid PVC extruded hollow section of 20mm x 200mm with the wall thickness of 1.0mm +	Sqm	10.08	1927.80	19432.22	2274.00	22921.92	2313.00	23315.04
73	KSRB 9.4-2 : Providing Honne wood frames wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including	Cum	0.65	94612.32	61498.01	111642.00	72567.30	113534.00	73797.10

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74	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail	Sqm	5.04	5103.76	25722.95	6022.00	30350.88	6124.00	30864.96
75	First Floor	Sqm	2.52	5103.76	12861.48	6022.00	15175.44	6124.00	15432.48
76	Second Floor	Sqm	2.52	5107.76	12871.56	6027.00	15188.04	6129.00	15445.08
77	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter,	Sqm	20.70	44.28	916.60	52.25	1081.58	53.00	1097.10
78	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil,	Sqm	20.70	102.60	2123.82	121.00	2504.70	123.00	2546.10
79	Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after	Sqm	10.08	54.00	544.32	63.00	635.04	64.00	645.12
80	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even	Sqm	10.08	104.76	1055.98	123.00	1239.84	126.00	1270.08
81	0220Locking Arrangement	Each	26.00	550.85	14322.10	650.00	16900.00	661.00	17186.00
82	0178 Handles powder coated 150mm	Each	52.00	50.85	2644.20	60.00	3120.00	61.00	3172.00
83	0188 Hinges 5" heavy duty	Each	156.00	31.36	4892.16	37.00	5772.00	37.00	5772.00
84	0189 Hold fasts MS	Each	52.00	32.20	1674.40	38.00	1976.00	39.00	2028.00
85	0427 Tower bolt 300 mm long	Each	156.00	101.69	15863.64	120.00	18720.00	122.00	19032.00
86	0540 Screws	Nos	936.00	3.39	3173.04	4.00	3744.00	4.00	3744.00

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87	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass	Mtrs	230.00	193.32	44463.60	228.00	52440.00	241.00	55430.00
88	32mm.dia..	Mtrs	250.00	244.08	61020.00	288.00	72000.00	293.00	73250.00
89	40mm.dia..	Mtrs	180.00	315.36	56764.80	372.00	66960.00	379.00	68220.00
90	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials,	Set	4.00	1425.60	5702.40	1682.00	6728.00	1910.00	7640.00
91	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and	Each	5.00	554.04	2770.20	653.00	3265.00	665.00	3325.00
92	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of	Nos	4.00	896.40	3585.60	1057.00	4228.00	1075.00	4300.00
93	b. 40mm.dia..	Nos	4.00	1123.20	4492.80	1325.00	5300.00	1374.00	5496.00
94	KSRB13-7.1-3 : Providing and fixing in position 40mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and	Each	5.00	1022.76	5113.80	1206.00	6030.00	1228.00	6140.00
95	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern	Pan	3.00	3786.48	11359.44	4468.00	13404.00	4549.00	13647.00
96	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10	Each	3.00	5352.48	16057.44	6315.00	18945.00	6455.00	19365.00
97	Providing and fixing white vitreous china clay, angle back wash basin size 600X480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass	Unit	3.00	3551.04	10653.12	4190.00	12570.00	4295.00	12885.00
98	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per	Each	10.00	205.20	2052.00	242.00	2420.00	269.00	2690.00
99	Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour	Unit	6.00	798.12	4788.72	941.00	5646.00	958.00	5748.00

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100	Providing and fixing chorinated poly vinyl Chloride (CPVC) 15mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all	Mtrs	300.00	222.48	66744.00	262.00	78600.00	267.00	80100.00
101	Providing and fixing chorinated poly vinyl Chloride (CPVC) 20mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all	Mtrs	250.00	253.80	63450.00	299.00	74750.00	305.00	76250.00
102	Providing and fixing chorinated poly vinyl Chloride (CPVC) 25mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all	Mtrs	300.00	316.44	94932.00	343.00	102900.00	379.00	113700.00
103	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM with all	Each	2.00	484.92	969.84	527.00	1054.00	581.00	1162.00
104	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per	Each	2.00	152.28	304.56	179.00	358.00	182.00	364.00
105	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange,	Mtrs	80.00	246.24	19699.20	290.00	23200.00	295.00	23600.00
106	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange,	Mtrs	50.00	352.08	17604.00	415.00	20750.00	422.00	21100.00
107	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange,	Mtrs	50.00	486.00	24300.00	573.00	28650.00	589.00	29450.00
108	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe	Nos	2.00	9169.20	18338.40	10820.00	21640.00	11003.00	22006.00
109	Supplying heavy gauge PVC conduit pipe .....mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and	Mtrs	400.00	40.00	16000.00	47.20	18880.00	48.00	19200.00
110	25mm dia 2mm thick.	Mtrs	250.00	53.00	13250.00	62.00	15500.00	68.00	17000.00
111	32mm dia 2.5mm thick.	Mtrs	150.00	83.00	12450.00	97.00	14550.00	99.00	14850.00
112	Groove cutting in walls Supplying heavy gauge PVC Conduit Pipe ....dia ....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting	Mtrs	180.00	51.00	9180.00	60.00	10800.00	65.00	11700.00

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113	25mm dia 2mm thick	Mtrs	100.00	54.00	5400.00	63.00	6300.00	65.00	6500.00
114	32mm dia 2.5mm thick	Mtrs	100.00	81.00	8100.00	95.00	9500.00	98.00	9800.00
115	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.----------	Mtrs	80.00	21.00	1680.00	24.78	1982.40	25.00	2000.00
116	upto 50mm conduit CC floor	Mtrs	50.00	38.00	1900.00	44.00	2200.00	48.00	2400.00
117	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required.25mm	Mtrs	250.00	24.00	6000.00	28.00	7000.00	48.00	12000.00
118	Supplying And Fixing Metal Fan Box with Round Hook	Nos	20.00	85.00	1700.00	100.00	2000.00	102.00	2040.00
119	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor	point	20.00	160.00	3200.00	188.00	3760.00	192.00	3840.00
120	Medium point above 3M. upto 6M from tapping point to out let via switch	point	15.00	250.00	3750.00	295.00	4425.00	300.00	4500.00
121	Long point above 6Mtr. upto 10M from tapping point to out let via switch	point	10.00	375.00	3750.00	442.00	4420.00	450.00	4500.00
122	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches	point	25.00	475.00	11875.00	560.00	14000.00	570.00	14250.00
123	Three outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches	point	25.00	675.00	16875.00	796.00	19900.00	810.00	20250.00
124	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed	Mtrs	1000.00	20.50	20500.00	24.00	24000.00	24.60	24600.00
125	2.5 sqmm	Mtrs	2000.00	32.00	64000.00	37.00	74000.00	38.00	76000.00

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126	4 sqmm	Mtrs	1000.00	45.00	45000.00	53.00	53000.00	54.00	54000.00
127	6 sqmm	Mtrs	500.00	70.00	35000.00	85.00	42500.00	84.00	42000.00
128	10 sqmm	Mtrs	200.00	115.00	23000.00	135.00	27000.00	139.00	27800.00
129	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting	Nos	25.00	95.00	2375.00	112.00	2800.00	118.00	2950.00
130	4-5Way	Nos	20.00	105.00	2100.00	123.00	2460.00	129.00	2580.00
131	6Way	Nos	25.00	125.00	3125.00	147.00	3675.00	150.00	3750.00
132	8Way	Nos	15.00	145.00	2175.00	171.00	2565.00	174.00	2610.00
133	10-12Way	Nos	8.00	165.00	1320.00	194.00	1552.00	198.00	1584.00
134	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts	Nos	10.00	110.00	1100.00	130.00	1300.00	135.00	1350.00
135	4 Module	Nos	10.00	125.00	1250.00	147.00	1470.00	150.00	1500.00
136	6 Module	Nos	10.00	175.00	1750.00	207.00	2070.00	210.00	2100.00
137	8 Module	Nos	3.00	200.00	600.00	236.00	708.00	240.00	720.00
138	12 Module	Nos	2.00	230.00	460.00	271.00	542.00	276.00	552.00

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139	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 ----------6Amps one way.	Nos	20.00	70.00	1400.00	82.00	1640.00	84.00	1680.00
140	6Amps two way	Nos	15.00	95.00	1425.00	113.00	1695.00	114.00	1710.00
141	6Amps 3way socket.	Nos	5.00	105.00	525.00	123.00	615.00	126.00	630.00
142	Stepped Fan Regulator.	Nos	8.00	290.00	2320.00	342.00	2736.00	348.00	2784.00
143	16Amps one way switch	Nos	20.00	115.00	2300.00	135.00	2700.00	138.00	2760.00
144	6/16Amps universal socket.	Nos	12.00	162.00	1944.00	191.00	2292.00	194.00	2328.00
145	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.	Nos	450.00	7.00	3150.00	8.00	3600.00	10.00	4500.00
146	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws	Nos	3.00	220.00	660.00	259.00	777.00	269.00	807.00
147	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered	Nos	25.00	292.00	7300.00	344.00	8600.00	350.00	8750.00
148	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	Nos	5.00	227.00	1135.00	267.00	1335.00	290.00	1450.00
149	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. With all accessories (SM Enclosure Sheet Metal Execution)	Nos	1.00	5300.00	5300.00	6254.00	6254.00	6360.00	6360.00
150	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts, etc., with	Nos	1.00	7000.00	7000.00	8260.00	8260.00	8433.00	8433.00
151	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with	Nos	2.00	434.00	868.00	512.00	1024.00	520.00	1040.00

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152	5-32 Amps DP. Group'A'	Nos	2.00	909.00	1818.00	1072.00	2144.00	1090.00	2180.00
153	6-32Amps TPN	Nos	1.00	1715.00	1715.00	2023.00	2023.00	2058.00	2058.00
154	50-63 Amps TPN.	Nos	1.00	2397.00	2397.00	2828.00	2828.00	2679.00	2679.00
155	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type	Nos	1.00	1800.00	1800.00	2124.00	2124.00	2160.00	2160.00
156	4 way TPN	Nos	1.00	2650.00	2650.00	3127.00	3127.00	3180.00	3180.00
157	6 way TPN	Nos	1.00	3330.00	3330.00	3929.00	3929.00	3996.00	3996.00
158	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V up to 300mA sensitivity on existing wood/panel board----------25 Amps DP	Nos	2.00	3700.00	7400.00	4366.00	8732.00	4440.00	8880.00
159	32 Amps 4 pole	Nos	1.00	4285.00	4285.00	5056.00	5056.00	5495.00	5495.00
160	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of	Nos	1.00	7700.00	7700.00	9086.00	9086.00	9580.00	9580.00
161	Supplying, fixing and wiring 3 Phase Digital Ammeter /Voltmeter.	Nos	2.00	1185.00	2370.00	1398.00	2796.00	1422.00	2844.00
162	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3	Nos	1.00	7750.00	7750.00	9145.00	9145.00	9300.00	9300.00
163	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound.	Nos	2.00	468.00	936.00	552.00	1104.00	5631.00	11262.00
164	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 Amps three phase 4 wire whole current class-1 Accuracy Energy Meter.	Nos	2.00	4745.00	9490.00	5599.00	11198.00	5694.00	11388.00

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165	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.	Nos	3.00	430.00	1290.00	550.00	1650.00	516.00	1548.00
166	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating	Nos	5.00	400.00	2000.00	472.00	2360.00	480.00	2400.00
167	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve,	Mtrs	6.00	2050.00	12300.00	2452.00	14712.00	2460.00	14760.00
168	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two	Mtrs	6.00	255.00	1530.00	301.00	1806.00	306.00	1836.00
169	50X100X50X6mm C channel 50*6mm	Mtrs	5.00	630.00	3150.00	743.00	3715.00	756.00	3780.00
170	Fabricating supplying and mounting MS box made out 14SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided	Sqcm	40000.00	0.40	16000.00	0.47	18800.00	1.00	40000.00
171	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long	Nos	3.00	2999.70	8999.10	3539.00	10617.00	3599.00	10797.00
172	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and	Nos	1.00	4150.00	4150.00	4897.00	4897.00	4980.00	4980.00
173	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip————GI Strip. 25x3mm	Mtrs	4.00	75.00	300.00	89.00	356.00	90.00	360.00
174	Copper strip. 25x3mm.	Mtrs	3.00	505.00	1515.00	595.00	1785.00	606.00	1818.00
175	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers	Mtrs	45.00	58.00	2610.00	68.00	3060.00	69.00	3105.00
176	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1,	Mtrs	15.00	180.00	2700.00	212.00	3180.00	216.00	3240.00
177	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.----------25 sqmm to	Mtrs	10.00	15.50	155.00	18.00	180.00	18.00	180.00

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178	On wall structure. 25 sqmm to 75 sqmm	Mtrs	10.00	35.00	350.00	41.00	410.00	42.00	420.00
179	Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P.7)	Mtrs	15.00	102.00	1530.00	120.00	1800.00	122.00	1830.00
180	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.	Mtrs	15.00	100.00	1500.00	118.00	1770.00	120.00	1800.00
181	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG	Mtrs	10.00	566.00	5660.00	667.00	6670.00	679.00	6790.00
182	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)	Nos	20.00	117.00	2340.00	138.00	2760.00	140.00	2800.00
183	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. ---------- 2.5sqmm	Nos	20.00	4.00	80.00	4.72	94.40	4.00	80.00
184	4sqmm	Nos	15.00	7.00	105.00	8.00	120.00	8.00	120.00
185	6sqmm	Nos	12.00	7.00	84.00	8.00	96.00	8.00	96.00
186	10sqmm	Nos	12.00	8.00	96.00	9.40	112.80	9.40	112.80
187	25 sqmm Long Barrel	Nos	15.00	20.00	300.00	23.60	354.00	24.00	360.00
188	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated	Nos	6.00	2900.00	17400.00	3582.00	21492.00	3480.00	20880.00
189	Supplying & fixing retrofit type -PL- LED Lamp 8-9W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and	Nos	15.00	350.00	5250.00	413.00	6195.00	420.00	6300.00
190	Supplying of .....feet - PVC Batten with integrated LED tube.....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80.	Nos	6.00	375.00	2250.00	582.00	3492.00	450.00	2700.00

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191	LED light fighting 2x 4' - 20 /22 w	Nos	10.00	625.00	6250.00	737.00	7370.00	750.00	7500.00
192	Supply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder	Nos	2.00	1150.00	2300.00	1690.00	3780.00	1380.00	2760.00
193	Fixing all types and all capacities of fluorescent / false ceiling/ spot light / CFL / LED fittings indoor on the wall / ceiling /rafters / girders using 23/0.0076" twin twisted PVC	Nos	50.00	110.00	5500.00	139.00	6950.00	132.00	6600.00
194	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved	Nos	24.00	260.00	6240.00	386.00	9264.00	312.00	7488.00
195	Extra length of GI pipe of class B 19mm dia for down rod..	Nos	15.00	160.00	2400.00	188.00	2820.00	192.00	2880.00
196	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements,	Nos	2.00	7374.24	14748.48	8100.00	16200.00	8849.09	17698.18
	Total Summary Amount				**5934249.52**	**6868555.22**		**7176280.05**	
	% when compared to Amount (PWD SR 2018-19) as per sanctioned estimate.					**15.74**		**20.93**	
	Remarks					**L1**		**L2**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

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